

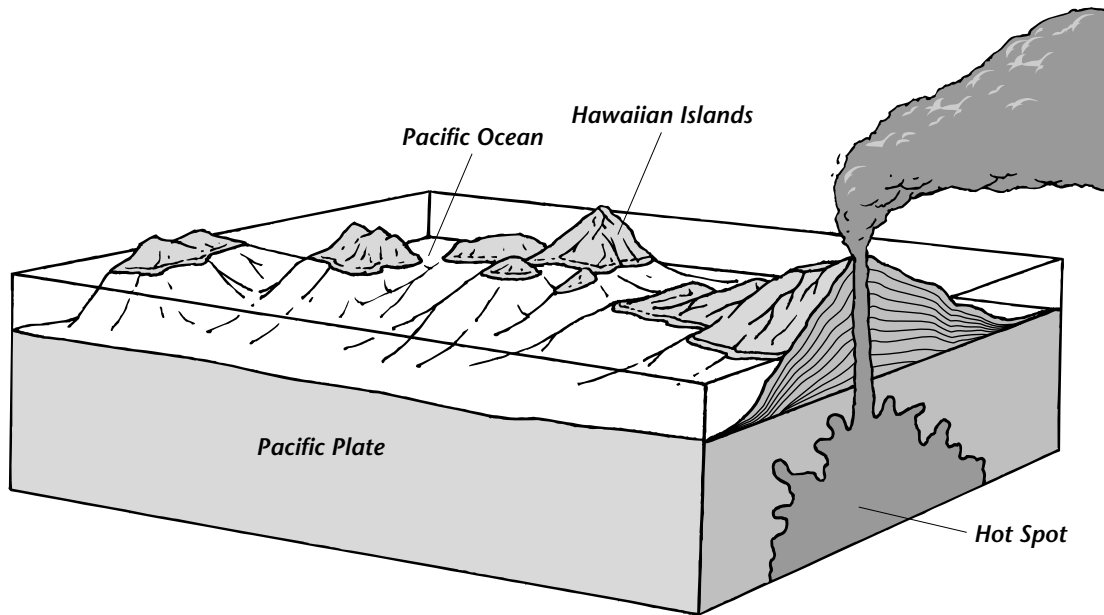
Volcanoes ▪ *Review and Reinforce*

Volcanoes and Plate Tectonics

Understanding Main Ideas

Answer the following questions on a separate sheet of paper.

1. How do volcanoes change Earth's surface?
2. Why do so many of Earth's volcanoes occur along plate boundaries?



3. Explain how the hot spot shown in the diagram above created the Hawaiian Islands. Draw an arrow on the diagram to help explain the process.

Building Vocabulary

Answer the following questions on a separate sheet of paper.

4. What is the difference between magma and lava?
5. Define each of these terms in your own words.
 - a. volcano
 - b. Ring of Fire
 - c. island arc